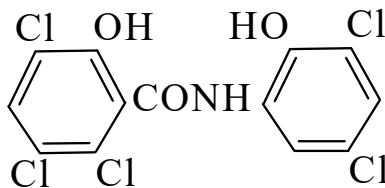




>>Entry Name: Oxyclozanide, BAN, INN

Synonym(s): 2,3,5-Trichloro-*N*-(3,5-dichloro-2-hydroxyphenyl)-6-hydroxybenzamide, 9Cl. 3,3',5,5',6-Pentachloro-2'-hydroxysalicylanilide, 8Cl. 3,3',5,5',6-Pentachloro-2,2'-dihydroxybenzanilide. Biverm. Diplin. Zanil. Zanirox. ICI 46683



CAS Registry Number: 2277-92-1

Molecular Formula: C₁₃H₆Cl₅NO₃

Molecular Weight: 401.459

Accurate Mass: 398.879029

Percentage Composition: C 38.89%; H 1.51%; Cl 44.15%; N 3.49%; O 11.96%

Use/Importance: Anthelmintic (veterinary use only)

Physical Description: Cream-coloured powder

Melting Point: Mp 209-211°

Calculated Log P Data: Log P 5.31 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1000 mg/kg

References:

Broome, A.J. *et al.*, *Ind. Chim. Belg.*, 1967, **32**, 204, (*synth*)

Vodrazka, J., *Cesk. Farm.*, 1968, **17**, 445, (*pharmacol*)

Sindt, A.C. *et al.*, *Acta Cryst. B*, 1979, **35**, 2103; 2452, (*cryst struct*)

Maffei Facino, R., *Toxicol. Lett.*, 1985, **26**, 65, (*tox*)

Mohammed, N.A.K. *et al.*, *J. Vet. Pharmacol. Ther.*, 1987, **10**, 127, (*pharmacokinet*)

Martindale, *The Extra Pharmacopoeia*, 31st edn., Pharmaceutical Press, 1996, 122

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